

### III. REMARKS

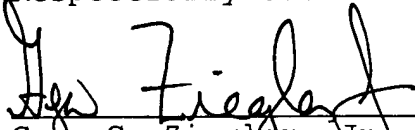
1. Applicant elects the claims of Group I, claims 1-17, for further prosecution.

Applicant respectfully traverses the Examiner's restriction. Applicant's invention is directed to minimizing temperature overshoot. The spike controller of claim 18 applies "power" to the heating element of the reactor based upon the "difference" between the desired and observed temperature of a "spike" thermocouple in the reactor. Certainly, if there is no "difference", power may not be applied. Thus, the situation described by the Examiner could be within the scope of Applicant's invention, and the claims should not be restricted.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

  
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22 December 2004  
Date

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#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to the Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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